Avid Unity™ MediaNetwork

Version 4.1.6 ReadMe

Revision History

Date Revised	Release	Changes Made
2/25/2008	v4.1.6	Added a software fix that was included in the v4.1.6 software but was not documented. This pertains to a File Manager failover in an environment with Windows 2003 operating systems, see "What Is New In Version 4.1.6" on page 2.
1/15/2008	v4.1.6	Avid Unity MediaNetwork v4.1.6 includes several software fixes, see "What Is New In Version 4.1.6" on page 2.
2/28/2007	v4.1.5	Driver information on the ATTO 3300 board in the 2-Gb and 4-Gb Avid Unity MediaNetwork environments has been added to this v4.1.5 ReadMe, see "ATTO 2 Gb 3300 (PCI-X)" on page 4. Firmware and driver information on the ATTO 3320 and 3321 boards in the LANshare 2-Gb environment has been added, see "Dual-Channel ATTO Adapter Boards Firmware and Driver Versions" on page 5.

Important Information

This software release is for customers that are staying on Avid Unity MediaNetwork v4.0 and v4.1.*x* hardware and not moving to Avid Unity MediaNetwork v4.2.*x* release. All existing documentation provided with your current release continues to be valid.

What Is New In Version 4.1.6

Avid Unity MediaNetwork v4.1.6 includes the following fixes:

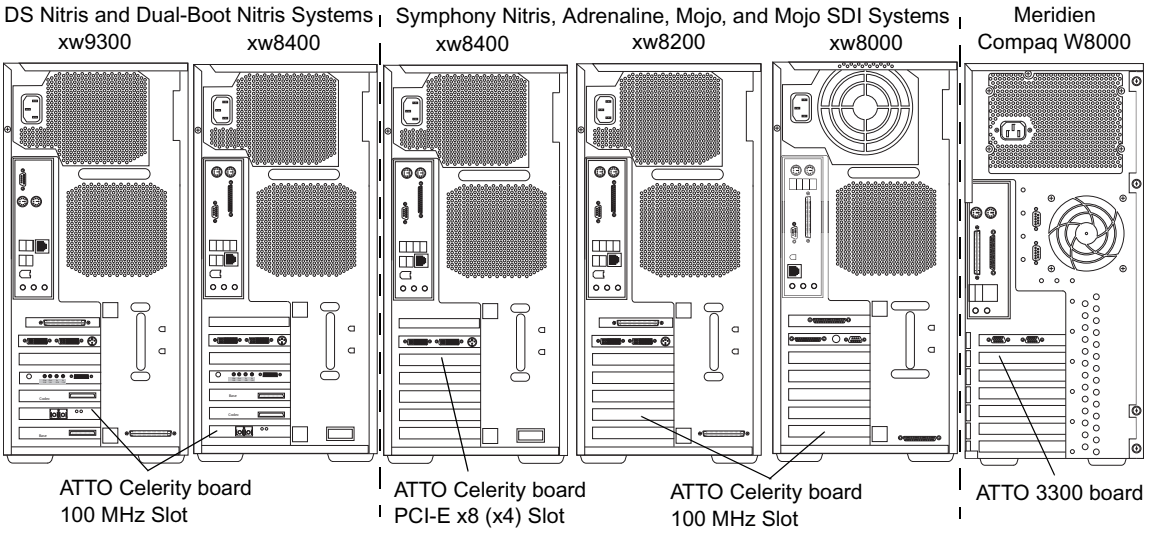
- Updates were made in Avid Unity MediaNetwork v4.1.6 to allow Final Cut Pro® v6.0 and v5.1.x project files to be saved properly to Avid Unity workspaces when the 2 GB file limit is reached.
- Previously, Macintosh® clients that were editing and saving sequences to a shared bin would stop responding. This issue has been corrected.
- Your editing application no longer stops responding when exporting an AAF (format) clip at 1:1 (resolution) from an Avid Unity MediaNetwork workspace.
- The Windows 2003 server operating system running on the Avid Interplay Engine no longer stops responding when the File Manager performs a failover.
- Avid has qualified the ATTO Celerity FC-41EL adapter board for connecting Avid MediaNetwork clients to the Avid MediaNetwork environment. For driver information, see "ATTO Celerity FC-41EL Adapter Board" on page 5.

ATTO Board Slot Location

The following illustration identifies the ATTO board slot for the Windows platforms.

- HP xw9300
- HP xw8400
- HP xw8200
- HP xw8000
- Compaq W8000

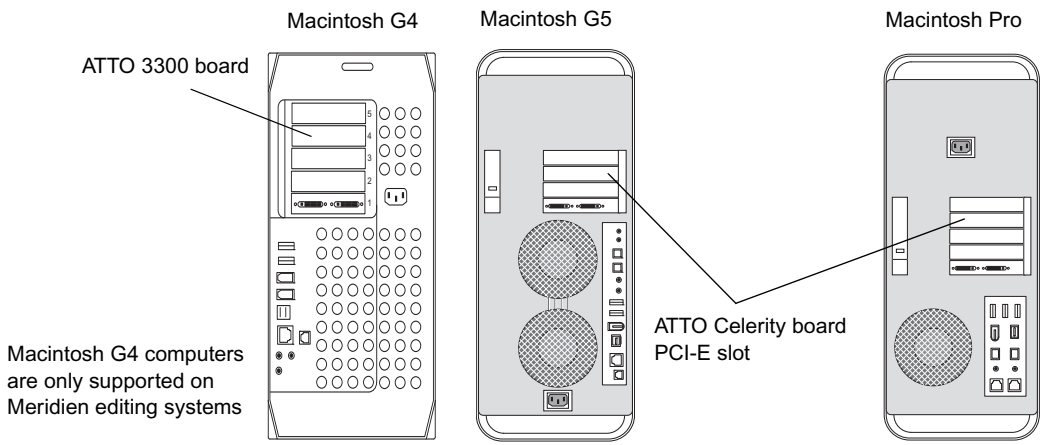
Slot Locations for ATTO Celerity in Supported Windows Computers



The following illustration identifies the ATTO board slot for the Macintosh platforms.

- Avid supported Macintosh G5 running OS X 10.3.9 or 10.4.*x*
- Avid supported Macintosh G4 running OS X 10.2.6

Slot Locations for ATTO Celerity in Supported Macintosh Computers



Fibre Channel Adapter Board Firmware and Drivers

The following tables list the revisions of supported firmware and driver needed for Fibre Channel boards on servers and storage for Avid Unity MediaNetwork v4.1.5. To load Firmware and drivers, see the original Release Notes for your Avid Unity Release.

Single-Channel ATTO Adapter Boards Firmware and Driver Versions

	CTFC-41XS (PCI-X)		CTFC-41ES (PCI-E)		ATTO 2 Gb 3300 (PCI-X)	
Platform	**Firmware**	**Driver**	**Firmware**	**Driver**	**Firmware**	**Driver**
MEDIArray ZX	2.16	2.16	NA	NA	2.4.2	2.4.2
PortServer Pro	NA	NA	NA	NA	2.4	2.4.2
File Manager (SR2400 and SR2200)	2.16	2.16	NA	NA	2.4	2.4.2
Windows 2003[a] Avid Interplay Engine and Avid Interplay Media Indexer	2.16	2.16	NA	NA	NA	NA
Windows 2000 clients	2.16	2.16	NA	NA	2.4	2.4.2
Windows XP clients	2.16	2.16	NA	NA	2.4	2.4.2
Mac clients OS X 10.2.6	NA	NA	NA	NA	2.4 2.4	2.2.1f2 (2-Gb) 2.4.1 (4-Gb)
OS X 10.3.9	1.1.0	2.5.0	1.1.0	2.5.0	2.4	2.4.1
OS X 10.4.*x*	1.1.0	3.0.0	1.1.0	3.0.0	2.4	2.4.1

a. When configuring an Interplay Engine and Interplay Engine Media Indexer, Avid requires the use of an ATTO CTFC-41XS (PCI-X Celerity 4-Gb) board. You must check the Connection Mode parameter in the Configuration tool:
   1) Click the Start button, and select Programs > ExpressPCI Configuration Tool.
      The ATTO Configuration tool opens.
   2. In the Device Listing window, navigate to the appropriate channel on your host adapter.
      The NVRAM Configuration tab opens.
   3. Click the Connection Mode menu, and select AL Preferred if using a Vixel (2-Gb) Fibre switch, PTP Preferred if using a Qlogic (4-Gb) switch.
   4. Click Commit.
   5. Restart this client system, and confirm the appropriate speed indicator light on the client card illuminates for 2-Gb or 4-Gb mode.

The following table lists the supported firmware and driver for the dual-channel ATTO Fibre Channel adapter boards used in the LANserver EX.

Dual-Channel ATTO Adapter Boards Firmware and Driver Versions

	ATTO 2 Gb 3320		ATTO 2 Gb 3321	
Platform	**Firmware**	**Driver**	**Firmware**	**Driver**
LANserver EX[a]	2.4	2.4.2	1.10	1.10

a. The first generation of LANserver EX1 (chassis part number 0090-03057-01 or 0090-03057-02) was optionally shipped with a single-port ATTO 3300 Fibre Channel adapter board (before dual-port boards were available). These boards are not tested or supported in later generation LANserver EX chassis. Avid does not recommend or support adding single-port boards to existing LANserver EX chassis in the field. Systems equipped with dual-port boards must use either the ATTO 3321 or 3320, and do not support the concurrent use of single-port boards.

ATTO Celerity FC-41EL Adapter Board

The following table lists the supported firmware and driver version in the FC-41EL adapter board in the Avid Unity MediaNetwork v4.1.6 clients. Information on using the ATTO configuration Tool, see "ATTO Configuration in 2 Gb Environments" on page 6.

ATTO Fibre Channel Adapter Boards Firmware and Driver Versions

	CTFC-41EL (PCI-E)[a] Single Channel	
Platform	**Firmware**	**Driver**
Windows XP clients	December 8, 2006 – 2.5	2.51
Mac clients		
OS X 10.3.9	December 8, 2006 – 1.1.0	2.5.0
OS X 10.4.*x*	December 8, 2006 – 1.1.0	3.0.0

a. The ATTO CTFC-41ES adapter board is supported on Windows platforms and with the Mac Pro, it is not supported in the Macintosh G5 (PowerPC).

Other Adapter Board Firmware and Drivers

The File Manager and its Ethernet clients need the correct Ethernet adapter board firmware and driver versions to function properly in a MediaNetwork workgroup. The following two tables list the supported firmware and drivers for the Ethernet adapter boards in the File Manager, PortServer, and Windows Ethernet clients.

Adapter Board Firmware and Driver Versions

Component	Adapter Board	Intel SR 2400 Driver	Alacritech Driver
File Manager,	Built-in Ethernet Intel PRO1000MT	8.6.110	NA
PortServer Pro	Alacritech adapter board	NA	7.3.1.0

Client Adapter Board Firmware and Driver Versions

Component	Alacritech Adapter Board	Driver
Clients	Ethernet (Windows 2000)	7.3.1.0
	Ethernet (Windows XP)	7.3.1.0

ATTO Configuration in 2 Gb Environments

If you are connecting a Fiber Channel client to a 2 Gb environment, you must manually configure the connection mode on the client to AL (Arbitrated Loop).

To set the Connection Mode setting:

1. Copy the ATTO Configuration Tool from the Avid Unity MediaNetwork v4.1.6 installer kit to the Avid Unity Fibre Channel client and install the tool. The ATTO Configuration Tool installer is located in the following location:
   - (Windows) [*Installer DVD or download package*]:\Drivers_Firmware\HostBusAdapters\ATTO\Celerity_41.EL_only\Utility\3.07\win_app_configtool_307.exe
   - (Macintosh) [*Installer DVD or download package*]:Drivers_Firmware_Mac\HostBusAdapters\ATTO\Utilities\OSX\3.07\osx_app_configtool_307.dmg
2. Double-click the installer file, the tool installs on local hard drive.

3. Do one of the following:
   - (Windows) Click the Start button, and select Programs > ATTO Configuration Tool > Configuration Tool.
   - (Macintosh) Navigate to the Applications folder and then double-click ATTO Configuration.

   The ATTO Configuration tool opens.
4. In the Device Listing window, navigate to the appropriate channel on your host adapter.

   The NVRAM Configuration tab opens.
5. Click the Connection Mode menu, and select AL (Arbitrated Loop).
6. Click Commit.
7. Restart your system for the change to take effect.

New in v4.1.5

The following topics describe the changes in this release.

Support for Mac Pro Clients

Macintosh platforms that have Intel processors using Macintosh OS X version 10.4.8 have been qualified as Avid editing clients in the Avid Unity MediaNetwork environment.

Fixed in v4.1.5

Macintosh OS X clients now supports case insensitive file names.

Final Cut Pro project files are now saved correctly.

Final Cut Pro media files no longer go offline even though the media exists.

The PMR database files that Avid editing systems use were not updating correctly on Mac OS X Fibre clients. These files now update correctly.

Fixes in v4.1.4

➤ Avid Unity MediaNetwork v4.1.4 continues to provide support for the Avid Interplay™ system. This software release is for customers that are staying on Avid Unity MediaNetwork v4.0 and v4.1.*x* hardware but want to add Avid Interplay system components.

➤ The Date and Time stamp now displays correctly when a Directory has been modified.

Notable Fixes in v4.1.3

- The Avid Unity PortServer occasionally had a blue screen in the following situation: enumerating a folder with more than 50 files when many of the filenames exceeded 100 characters. This condition no longer exists.

- When Ethernet editing clients scanned workspaces for shared projects on the Avid Unity PortServer, a buffer overrun would occur because of long file names and caused the service stop. This condition no longer exist.

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